

| REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE (ER 1130-2-316) | | | | | Page 1 of 1 | | |
|--|----------------------|--------------------|-------------------|---|--------------------------------------|--------------------------|---------------------------------------|
| | | | | | Jan-2006 | | |
| TO: Executive Director Florida Inland Navigation District, FL | | | | FROM USACE, District Engineer Attn: CESAJ-CO-OM Jacksonville, Florida | | | |
| RIVER/HARBOR NAME AND STATE Atlantic Intracoastal Waterway, Duval, FL | | | | MINIMUM DEPTHS IN EACH 1/3 WIDTH OF CHANNEL ENTERING FROM SEAWARD | | | |
| NAME OF CHANNEL | Date of Survey | AUTHORIZED PROJECT | | | Left Outside Quarter (feet) | Middle Half (feet) | Right Outside Quarter (feet) |
| | | Width (feet) | Length (miles) | Depth (feet) | | | |

| | | | | | | | |
|--|----------|---------|-----|----|--------|---------|---------|
| From 1,700 feet south of green light-79 to green light 75 (Cuts 7-9) | Nov-2005 | 90-240 | 1.2 | 12 | 9.6(1) | 8.6(1) | 5.5(1) |
| Vicinity of Ft. George River: from green light-75 to red light-72 (Cuts 10-11) | Nov-2005 | 150-240 | 0.8 | 12 | 7.9(2) | 8.9(2) | 5.3(3) |
| From red light-72 to 100 feet north of red DBN-66 (Cuts 12-15) | Nov-2005 | 90-240 | 0.9 | 12 | 8.6(3) | 12.5 | 11.4(3) |
| From 100 feet north of red DBN-66 to 200 feet south of red light 61 (Cuts 16-18) | Nov-2005 | 90-150 | 1 | 12 | 9.3(4) | 9.7(4) | 8.4(4) |
| From 200 feet south of red light-61 to 400 feet south of green light-53 (Cuts 19-22) | Nov-2005 | 90-150 | 1.2 | 12 | 8.7(5) | 11.4(5) | 12.9(5) |
| Duval County: from 200 feet north of green light-49 to 200 feet north of green DBN-46B (Cuts 23-25) | Nov-2005 | 150-200 | 1.5 | 12 | 6.6(6) | 4.8(6) | 4.6(6) |
| From 200 feet north of green DBN-46B to 200 feet north of light-49 (Cuts 26-27) | Nov-2005 | 150-200 | 1.2 | 12 | 13.4 | 11.1(7) | 9.1(7) |
| From 200 feet north of green light-49 to 886 feet north of charted position of green DBN-43 (Cuts 27A-27C) | Nov-2005 | 150-230 | 1.6 | 12 | 7.8(8) | 7.2(8) | 7.1(8) |

Remarks:

1. Significant shoaling in cuts 8 and 9. Shoals encompass entire channel in these reaches. Least depths occur in vicinity of green light-77.
2. Significant shoaling in cuts 10 and 10. Shoals encompass entire channel between red light-74 and red light-72. Least depths occur in vicinity of red light-72.
3. Shoaling on western edge of channel in vicinity of red DBN-68 and vicinity of red DBN-66.
4. Shoaling encompasses entire channel throughout most of this reach. Least depths occur in vicinity of green light-65.
5. Shoaling in vicinity of green DBN-59 and green DBN-55. Shoals extend into channel approximately 100 feet in both areas.
6. Shoaling throughout most of reach. Least depths occur in vicinity of green light-49.
7. Shoaling in vicinity of green light-49.
8. Shoaling in vicinity of red light-46. Shoaling encompasses entire channel in this reach. Shoaling also located in vicinity of green DBN-43.

Note: stated authorized width does not take into consideration any constructed wideners or settling basins that may be shown on the drawings